

The Inventor claims:

1. An improved concrete saw cutting system of the type employing a circular saw blade and a skid plate, the improvement comprising the inclusion of a low friction polymer shield interfaced between said skid plate and the concrete surface to be sawed.

2. The improved concrete saw cutting system of claim 1 wherein there is spacing between said skid plate and said shield.

3. The improved concrete saw cutting system of claim 2 wherein said spacing is between the range of one tenth of an inch to half and inch.

4. The improved concrete saw cutting system of claim 2 wherein said spacing is integrated into the shape of said shield.

5. The improved concrete saw cutting system of claim 1 wherein said shield comprises low friction polymer.

6. An improved skid plate suitable for use in a concrete saw cutting system comprising a low friction polymer horizontal member interfaced to outside surface of said skid plate.

7. The skid plate shield of claim 6 wherein said horizontal low friction polymer member is attached to said skid plate with a pair of offset spacers.

8. The improved concrete saw cutting system of claim 6 wherein said spacers are in the range of one tenth of an inch to half and inch.

9. The improved concrete saw cutting system of claim 6 wherein said offset spacers are integrated into the shape of said shield.

10. The improved concrete saw cutting system of claim 6 wherein said offset spacers comprise a pair of rollers, one each between said shield and said skid plate at each end.

11. A process of sawing concrete utilizing prior art concrete saws that employ skid plate around saw blade including the step of interfacing a low friction polymer shield between said skid plate and the concrete surface to be sawed.

12. The process of sawing concrete of claim 11 wherein there is spacing between said skid plate and said shield.

13. The improved concrete saw cutting system of claim 12 wherein said spacing is between the range of one tenth of an inch to half and inch.

14. The improved concrete saw cutting system of claim 12 wherein said spacing is integrated into the shape of said shield.